TOLEDO
PIPE THREADING
DEVICES

For Sale by

CHARLES MILLAR & SON CO.

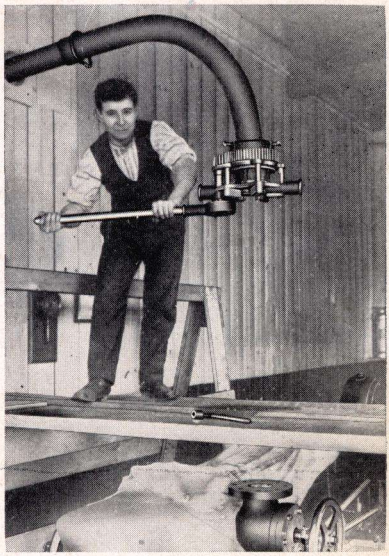
P. O. Box 728

Binghamton, N. Y.

Toledo Pipe Threaders

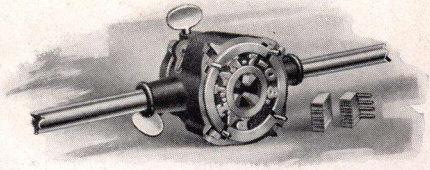
are the most remarkable pipe threading tools on earth. We use this extravagant language advisedly —and we're justified in doing so.

With Toledo tools, one man or a boy can do more work and better work than two or four men with ordinary tools.



They are so compact and light and so easy of operation that they may be put on pipe any place and operated. What heretofore has been relatively hard and difficult, is accomplished easily with "Toledo" tools.

"Toledo" tools "chase" the thread on a pipe without creating friction. Other tools are friction producers. With "Toledo" tools "One man does the work of two."



"TOLEDO"

Adjustable Threading Device No. 0

Capacity ⅛-inch to ¾-inch pipe inclusive
Complete with R. H. dies
List Price $16.00

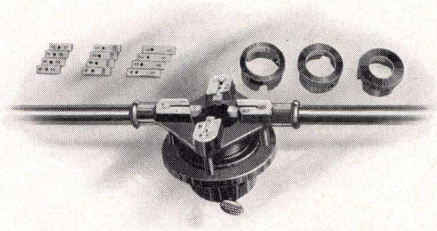
Over 13,000 of this style
have been made and sold

This little tool has been on the market about six years and is meeting with constantly increasing favor. It is very light and compact, the net weight being seven pounds and the total length, from tip to tip of the handles, 24 inches.

It differs from every other tool of its capacity in that it embodies the celebrated "Toledo" receding-die feature for threading ½-inch and ¾-inch pipe, and by reason thereof, is the easiest operating tool on earth, for these sizes.

One set of dies is used for threading ⅛-inch pipe, another set for ¼-inch and ⅜-inch pipe, and another for ½-inch and ¾-inch pipe.

Left-hand dies can be furnished on special order, but when cutting left-hand threads it requires a separate set for each size pipe.



"TOLEDO"
Adjustable Threading Device No. 1

Capacity 1-inch to 2-inch pipe inclusive
List Price $24.00

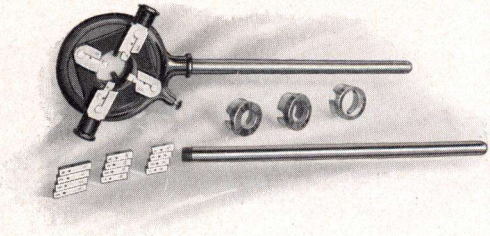
Over 63,000 of this style
have been made and sold

When this tool first made its appearance eleven years ago, steam-fitters saw it used with open-mouthed amazement. A boy could cut a 2-inch thread with it. Up to that time it had taken two men to cut a 2-inch thread and it was hard work.

This tool is the "*standard*" among pipe-fitters who are of long practical experience.

All "Toledo" tools are adjustable for variations in the size of fittings. Threads of standard taper, or straight lock-nut threads, or "pitch" threads, may be secured without straining the tools, or without extra labor.

Note: Made either for cutting *right-hand or left-hand* threads. Neither tool will do both.



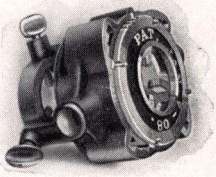
"TOLEDO"
Adjustable Ratchet Threading Device
No. 1A

Capacity 1-inch to 2-inch pipe inclusive
List Price $30.00

Over 32,000 of this style
have been made and sold

This tool is in every essential like the No. 1 except that it is equipped with a ratchet. It may be used with two handles as an ordinary die stock, or with one handle inserted in the ratchet case. It is desirable for threading pipe down in a trench or against walls, between rafters, etc. It is the easiest operating pipe threading tool in existence. A boy can thread 2-inch pipe with it.

Note: Made either for cutting *right-hand or left-hand* threads. Neither tool will do both.



"TOLEDO" Nos. 10 and 10A Threaders

Over 9,000 of this style have been made and sold

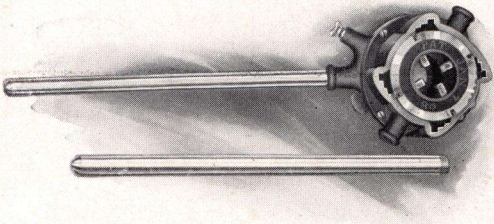
To satisfy such demand as still exists for tools of 1-inch to 2-inch capacity that will thread the entire range of sizes with one set of dies we offer the No. 10 and No. 10A devices.

While we do not believe this is the most desirable practice from the standpoint of die-service still for those who deem it an advantage, these tools compare favorably with other makes of "one set of die" tools.

They are the essence of simplicity. There are no cams or other intricate mechanism.

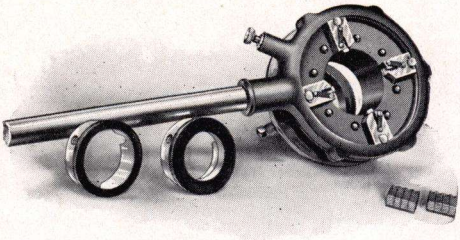
They embody the "Toledo" receding-die principle, hence thread pipe very easily.

Left-hand dies can be used in these tools and can be furnished on special order. It requires, however, a separate set of left-hand dies for each size pipe.



Capacity 1-inch to 2-inch inclusive
Complete with right-hand dies and two handles

No. 10 ..... $28.00
No. 10A (Ratchet tool) 34.00



"TOLEDO"
Adjustable Ratchet Threading Device
No. 1½R

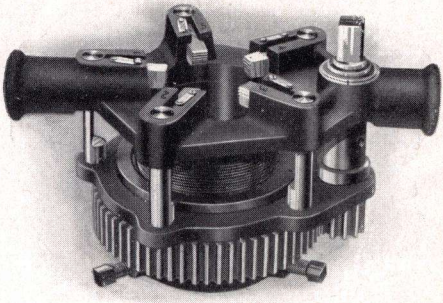
Capacity 2½-inch and 3-inch pipe
List Price $50.00

Over 800 of this style have been made and sold

This tool is strongly built, operates with a ratchet only, and will thread 2½-inch and 3-inch pipe with remarkable ease considering the fact that it has no gearing to minimize the labor.

This device is also made for cutting special 11½-pitch threads as used by oil-well operators and in this shape its capacity is increased to include 2-inch tubing. The list price is the same as for the standard-thread tool.

(Unless otherwise specified the standard-thread tool will be shipped.)



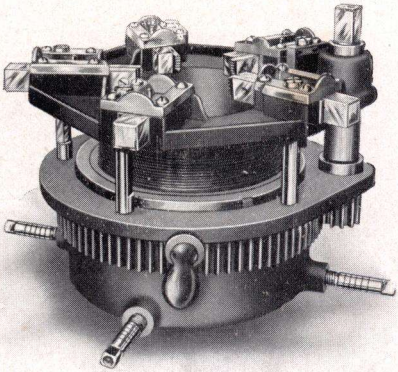
"TOLEDO"
Geared Adjustable Threading Device
No. 2

Capacity 2½-inch to 4-inch pipe inclusive
Complete with Dies, Ratchet and Driving Cross
List Price $100.00

Over 21,000 of this style
have been made and sold

Only the man who is familiar with "Toledo" tools can have any proper appreciation of this tool. Remember that with other hand-power tools it takes from three to four men to cut a 4-inch thread. A boy—one boy—can cut a 4-inch thread with the "Toledo."

This tool is light and compact, and the most easily operated pipe threading tool in existence. Neither is the ease of operation obtained at the expense of speed. A 4-inch thread may be completed in ten minutes without undue effort. A 4-inch thread has been cut in six minutes.



"TOLEDO"
Geared Adjustable Threading Device
No. 25

Threads 2½-inch to 6-inch pipe inclusive
Complete with Dies, Ratchet and Driving Cross
List Price $230.00

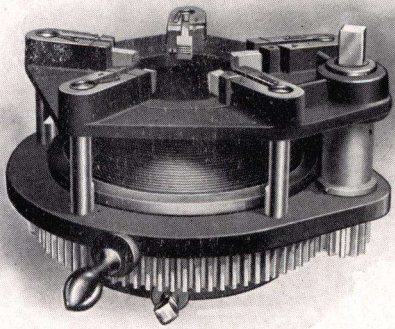
Over 800 of this style
have been made and sold

A tool intermediate in size to the No. 2 and No. 3. For those who require to thread pipe a little larger than the No. 2 will handle, yet do not need one as large as the No. 3.

Threads entire range of sizes with one set of dies. An extra set of dies furnished with the tools so a sharp set may always be on hand.

Embodies the remarkable "Toledo" die-receding principle, has no cam-plate, is very simple, and positive in its action.

One man can thread 6-inch pipe easily.



"TOLEDO"

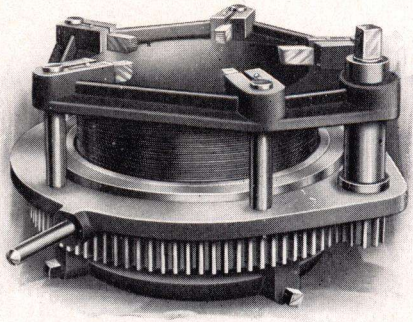
Geared Adjustable Threading Device

No. 3

Capacity 4½-inch to 8-inch pipe inclusive
Complete with Dies, Ratchet and Driving Cross
List Price $300.00

Over 2,600 of this style
have been made and sold

This tool is the lightest and most compact and by far the most easily operated pipe threading device of its capacity in existence. Its net weight is 155 pounds. With clearance in other directions, it may be operated on a pipe the center of which is within ten inches of a wall or other obstruction.
One man can readily cut an 8-inch thread with same. Ease of operation is not obtained at the expense of speed. There is no other tool operated by hand that works so rapidly.

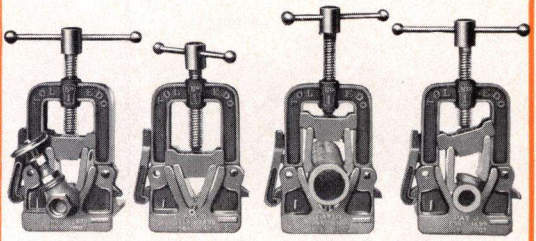


"TOLEDO"
Geared Adjustable Threading Device
No. 4

Capacity 9-inch, 10-inch and 12-inch inclusive
Complete with Dies, Ratchet and Driving Cross
List Price $500.00

Over 100 of this style
have been made and sold

This illustration shows the "big fellow" of the line. The tool is a wonder! There is no other apparatus for threading pipe of these sizes that does not weigh a ton or more. The "Toledo" No. 4 weighs 255 pounds. It is strictly portable. May be put on a pipe anywhere and operated. It takes two men to put it on a pipe, but after it is on, one man can cut the thread.



"Toledo" Pipe Vises

No. 1. Capacity 1/8-inch to 2 1/2-inch pipe
List Price $10.00

No. 2. Capacity 1/8-inch to 4 1/2-inch pipe
List Price $20.00

Unquestionably the best Vise made
for steamfitters and plumbers

It is much more than a pipe vise. It will hold tight anything that will go inside the jaws—the illustrations show a valve and an ell as well as a piece of 1/8-inch pipe and a piece of 2 1/2-inch pipe, all held equally well.

It may even be used satisfactorily for holding polished pipe.

It will not crush or bend pipe.

It grips with half the screw pressure of ordinary vises.

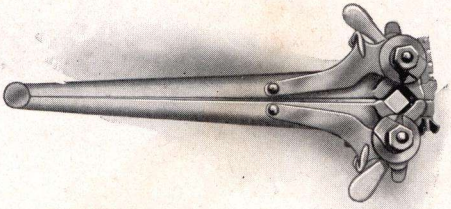
It is fully guaranteed to give satisfactory service.

The "TOLEDO"
Vise Mount and Roller Support

No. 0, for pipe up to 1¼" . . . . . List Price $12.00
No. 1, for pipe up to 2" . . . . . List Price 15.00
No. 2, for pipe up to 4" . . . . . List Price 18.00
Roller support . . . . . List Price 5.00

This is proving a most acceptable addition to the plumber's and steamfitter's outfit. It folds up and may be thrown in the wagon, taken to the "job" and set up in a minute, thus saving the necessity of building a bench and thereby losing practically a day's time.

The roller support may be fastened to the vise mount by a length of ¾-inch pipe through sockets cast in same for that purpose.



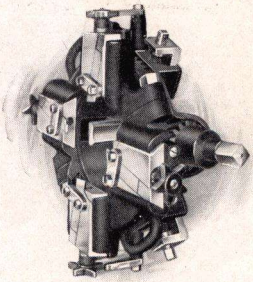
"Vosper" Pipe Cutter

Capacity ⅛-inch to 2-inch pipe
List Price $16.00

With these two tools the purchaser will have the most efficient mechanisms manufactured today for cutting off pipe up to 6 inches. With same, the pipe is actually cut in two, and not squeezed apart as is the case when using wheel-cutters.

They make clean, straight, square-end cuts without burr.

They will not only save time, but will also save wear and tear on your threading tools, because they leave the pipe in the ideal condition for cutting the thread, i. e., square and true, and without burr.



"Toledo" No. 250
Pipe Cutter

Capacity
2½-inch to
6-inch pipe
inclusive

Complete with
Ratchet
Handle

List Price $80.00

"TOLEDO" Ratchet Boring Tool

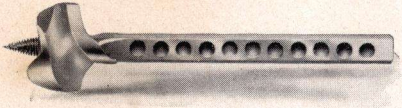
Complete with 2-inch and 2½-inch Bits

List Price $25.50

This tool is a new "Wonder Worker"® of the line. It readily bores holes thru joists, beams and other wood members of buildings where the parallel or adjoining timbers interfere with the use of brace and bit, or mallet and chisel.

It enables the operator to run the pipe thru cleanly bored holes, does its work very rapidly and easily, and saves all the strength of weight carrying timbers.

One-inch and inch-and-a-half bits can be furnished on special order at an extra price.

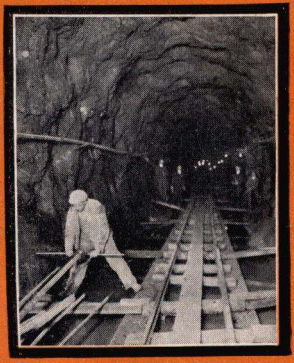


A "TOLEDO" THREADING A 4-INCH PIPE PROJECTING OVER THE SIDEWALK, 20 STORIES IN THE AIR

A "TOLEDO" DID THIS JOB AS EASILY AS A BENCH JOB

"TOLEDOS" CUTTING THREADING EXPENSE ON A NEW YORK SKYSCRAPER PLUMBING JOB

OVER 150,000 "TOLEDO" PIPE THREADERS ARE USED TODAY IN THE UNITED STATES



"TOLEDOS" IN USE IN THE CATSKILL AQUEDUCT 300 FEET BELOW BROADWAY, NEW YORK CITY

"TOLEDOS" DID ALL THE THREADING ON THIS BIG JOB